

What is claimed is:

1. Process for delivering a cold or heat storage medium into a carrier material located in a container which can be at least partially evacuated, comprising the steps of:
  - a) placing the carrier material in the container, wherein the container is composed of a film material,
  - b) at least partially evacuating the container with an evacuation means, and
  - c) delivering, with a filling means, the cold or heat storage medium into the container to introduce the cold or heat storage medium into the carrier material.
2. Process of claim 1, wherein the container of film material is formed in the shape of a film tube or a film bag.
3. Process of claim 1, wherein the evacuation means is coupled to an open end of the container of film material.
4. Process of claim 1, wherein the filling means is coupled to an open end of the container made of film material.
5. Process of claim 1, wherein steps b) and c) are carried out at least partially at the same time.
6. Process of claim 1, wherein steps b) and c) are carried out successively.
7. Process of claim 1, wherein the container of film material has at least one open end and the at least one open end of the container of film material is sealed after carrying out either of steps b) and c).

8. Process of claim 1, wherein the filling means comprises at least one injection needle which delivers the cold or heat storage medium into the container of film material by puncturing the container of film material.

9. Process of claim 1, wherein the weight of the carrier material is determined prior to carrying out step c).

10. Process of claim 1, wherein, after filling the container of film material with the cold or heat storage medium, a predefined amount of the cold or heat storage medium is present in the carrier material.

11. Process of claim 10, wherein the predefined amount of the cold or heat storage medium is provided by a filling means which includes a metering means.

12. Process of claim 10, wherein a predefined amount of the cold or heat storage medium is provided by overfilling the container of film material with the cold or heat storage medium and subsequently carrying out a drying process until the predefined amount of cold or heat storage medium is reached.

13. Process of claim 10, wherein the predefined amount of the cold or heat storage medium is provided by overfilling the container of film material with the cold or heat storage medium and subsequently exhausting the container of film material until the predefined amount of the cold or heat storage medium is reached.

14. Process of claim 1, wherein the carrier material is a matrix material.

15. Process of claim 14, wherein the matrix material is a graphite matrix.

16. Process of claim 1, wherein the cold or heat storage medium is a phase changing material.

17. Process of claim 16, wherein the phase changing material is water or paraffin.
18. Process of claim 7, wherein the at least one open end of the container of film material is sealed tight by welding.